

ELLAND URBAN DISTRICT COUNCIL.

To the Chairman and Members of the Health Committee.

Dear Sirs,

Annual Report of the Medical Officer
of Health for 1946.

Vital Statistics.

	<u>Elland</u>	<u>National Rate.</u>
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(a) Live Births 366

The live birth rate per 1000 of the estimated resident population (18840) is:-

	19.43	19.10
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There were 19 illegitimate births.

(b) Still Births 7.

The still birth rate per 1000 of the estimated resident population is:-

	0.37	0.53
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There were no illegitimate still births.

(c) Deaths 297.

The civilian death rate per 1000 of the estimated resident population:-

<u>Causes of Death</u>		15.77	11.50
	M. F.	Total	
Tuberculosis of respiratory system	1 3	4	
Other forms of Tuberculosis	2 .	2	
Syphilitic diseases	1 .	1	
Influenza	2 2	4	
Cerebro Spinal Fever	1 .	1	
Diarrhoea under 2 yrs	. 2	2	
Cancer	20 14	34	
Diabetes	4 4	8	
Inter cranial vascular disease	17 22	39	
Heart disease	41 50	91	
Other diseases of circulatory system	5 6	11	
Bronchitis	6 12	18	
Pneumonia	3 5	8	
Other respiratory diseases	1 1	2	
Ulcer of stomach or duodenum	2 1	3	
Other digestive diseases	5 3	8	
Nephritis	6 8	14	
Appendicitis	1 .	1	
Premature birth	4 5	9	
Con. mal. birth inj. infant dis.	6 .	6	
Suicide	3 1	4	
Road Traffic	2 .	2	
Other violent causes	2 12	14	
All other causes	11 .	11	

There were 17 inquests during the year	146	151	297
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(d) Infant Mortality Rate (under 1 year) 20

The rate per 1000 live births is:-

	54.64	43.00
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There were no deaths from maternal causes.

General provision of Health Services for the area.

The following officials are employed by the Council :-

Medical Officer of Health - Frederick Clegg, M.B., Ch.B. (Leeds).
 Sanitary Inspectors - H.E. Moses, A.R. San. I.
 A.D. Jackson, A.R. San. I.

Nurses and Midwives supplied by the County and Voluntary Nursing Associations serve the district.

Free pathological and bacteriological services are provided at County Hall. These services are also obtainable from Dr. H.V. Phelon at the Royal Halifax Infirmary, at a charge.

The Council has its own Ambulance for general and accident cases and no charge is made. At least four other Ambulances are available for payment.

Three Hospitals, viz:-

The Royal Halifax Infirmary,
Halifax General Hospital,
Huddersfield Royal Infirmary,
are accessible and commonly used. Leeds General Infirmary, twenty miles away, is also available.

The Brighouse Isolation Hospital is in common use by the Council. The Halifax and Huddersfield Isolation Hospitals are also available.

The Council shares a Smallpox Hospital with other Local Authorities.

There is a Venereal Clinic in Halifax and Huddersfield.

In both Elland and Greetland the County have an Infant Welfare Centre. Sessions are held weekly. Once per month an Ante Natal is held in each place. A lady doctor is in charge.

The usual School Dental Services are provided and extractions are undertaken by honorary dentists at the Royal Halifax Infirmary and at the General Hospital at Halifax.

Sanitary Circumstances of the area.

Water

Bulk supplies are obtained from the Halifax and Huddersfield Corporations. Two small reservoirs at Stainland and Upper Greetland also serve the district. The supply in all cases is satisfactory in both quantity and quality. No extensions have been made during the year.

During the year 138 Chemical and 29 Bacteriological examinations of public water supplies were made by the Public Analyst, all of which were satisfactory.

Closet Accommodation.

These may be classified as follows :-

	<u>1945.</u>	<u>1946.</u>
(a) Privies with open middens	6	6
(b) Pail tub closets	456	454
(c) Privies with covered middens	91	91
(d) Waste water closets	368	368
(e) Water closets	<u>4720</u>	<u>4760</u>
	<u>5641</u>	<u>5679</u>

There have been 2 conversions to water closets and 38 additional water closets provided for old property.

Public Cleansing.

Public scavenging operated throughout the district at a year's cost of £5883.

The refuse was disposed of as follows:-

Destruction	None
Tipping	80%
Farmers	20%

Shops and Offices.

The Sanitary Inspectors paid 222 visits to shops (excluding butchers) under the Shops Act, 1934.

In six cases unsatisfactory conditions were found. These have since been remedied.

Swimming Baths and Pools.

There is one public swimming bath in the district, owned by the Urban District Council. The water is kept in a clean condition by a Bells Chlorination and Filter Plant.

2 Chemical and 2 Bacteriological samples taken during the year were all satisfactory.

Inspection and Supervision of Food.

(a) Meat and other Foods

The private slaughterhouses in the district were not used during 1945 owing to the operation of the Orders of the Ministry of Food.

All home killed and imported meat is obtained from the Ministry's slaughterhouse and depot in the Borough of Brighouse.

Meat received in the district is regularly inspected at the distribution depot, in transit, and at the butchers' shops, and the general standard has been found to be satisfactory.

During the year 122 inspections were made of food other than meat, under the Food and Drugs Act, 1938, the total weight condemned was 14 cwts.

(b) Milk Supplies

There are 111 registered milk sellers in the district and 18 registered wholesale traders.

The number of cow keepers is 89, who house 1146 milk cows in 118 cowsheds.

261 cowshed inspections were made.

There are 5 licences in force for the production of Tuberculin Tested Milk and 15 for Accredited Milk.

19 samples were taken by the Sanitary Inspectors under the Food and Drugs Act, 1938 - one was adulterated. One caution was issued by the West Riding County Council.

The structural conditions are generally good, cleanliness and methods being generally of a good standard. Conditions could be improved by the more general adoption of steam sterilisation of equipment.

Tuberculosis.

The following is a summary showing the notifications, removals and number on the register at the 31st. December, 1946:-

	<u>Pulmonary</u>		<u>Non-Pulmonary</u>	
	<u>Males</u>	<u>Females</u>	<u>Males</u>	<u>Females</u>
Number on register at 1st.				
Jan. 1946	44	38	53	31
Notifications during year	5	5	2	-
Carried forward	49	43	55	31



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	<u>Pulmonary</u>		<u>Non-Pulmonary</u>	
	<u>Males</u>	<u>Females</u>	<u>Males</u>	<u>Females</u>
Brought forward	49	43	55	31
Cases removed during year	<u>2</u>	<u>2</u>	<u>1</u>	<u>3</u>
Cases remaining on register at 31st December 1946.	47	41	54	28

Infectious diseases.

The following notifications were received during 1945:-

	<u>Number of Cases.</u>	<u>Sent to Hospital</u>
1. Scarlet Fever	13	4
2. Diphtheria	13	12
3. Pneumonia	22	1
4. Puerperal Pyrexia	3	
5. Ophthalmia Neonatorum	1	
6. Erysipelas	4	
7. Respiratory Tuberculosis	9	
8. Other forms of Tuberculosis	2	
9. Measles	21	
10. Whooping Cough	<u>31</u>	
	119	17

Cases are sent to Hospital :-

- (a) If they are seriously or dangerously ill and in consequence need hospital treatment.
- (b) If they cannot be effectively isolated or nursed at home.
- (c) If the infectious disease is acquired whilst in one of the town hospitals.

Diphtheria Immunisation.

Immunisation was carried out at the two Infant Welfare Centres, at the Schools and by private practitioners.

The number of children who have completed a full course of Immunisation at any time up to 31st. December 1946 is :-

Number of children immunised (under 5)	472
" " " " (5 - 14 yrs)	<u>259</u>
	<u>731</u>

SPECIAL REPORT ON PUBLIC WATER SUPPLIES.

The Public Water Supply for the district is distributed throughout the area by the Urban District Council and is obtained as follows :-

Source of Supply.

Elland Sub-District	-	Halifax & Huddersfield C.B. Corporation (Bulk Supply).
Greetland Sub-District	-	do. do.
Stainland Sub-District	-	Council's Reservoir at Coldacre, Stainland.
Upper Greetland Sub-District	-	Council's Reservoir at Upper Greetland.

The water was overflowing at the Council's Reservoirs during the year as follows :-

Coldacre Reservoir (Capacity 6,000,000 galls) - 105 days.
Upper Greetland Reservoir (Capacity 70,000 galls) - all year.

The water supply from the two Corporations has been constant and sufficient throughout the whole year.

Consumption.

The following table gives details of water consumption figures for the year ended 31st December, 1946.

Sub-District served.	Source of Supply.	Water consumed in 1,000 galls.		
		Trade Supplies by Meter.	Domestic Supplies.	Total Consumption.
Elland	Halifax Corporation.)	37,838	96,076	133,914
do. (Ainley Top)	Huddersfield Corporation.)	-	2,346	2,346
do. (Blackley)	do.	787	243	1,030
Greetland	Halifax Corporation.)	15,959	40,399	56,358
Upper Greetland)	Own Reservoir	-	676	676
Stainland	do.	3,699	19,417	23,116
do. (Sowood)	Huddersfield Corporation)	190	2,188	2,378
		58,473	161,345	219,818

Summary.

Number of houses in the district	6813
Number of houses on public water supplies	6589
Number of houses with wells and private supplies	224
Estimated population on public water supplies	18625
Estimated population on private supplies	445
Number of Trade Consumers supplied through meters	291

Note :- Public supplies to houses are all direct into the houses and there are no stand-pipe supplies in the district.

Constancy of Supply.

The supply throughout the Urban District has been constant during the year.

Examination of Water Supplies.

Samples are regularly taken for examination by Messrs. Lea & Mollinder, Public Analysts, Halifax, from all public water supplies, in each case the sample is taken from the consumers taps.

During the past year, 21 analytical and 29 bacteriological examinations were made all from public supplies.

The Analyst's reports were satisfactory.

The water obtained from the Halifax and Huddersfield Corporations (in bulk) is filtered and chlorinated by the Corporations.

The water from Stainland and Upper Greetland Reservoirs owned by the Urban District Council is not filtered but is chlorinated and treated to neutralise acidity. During the past year 60 examinations of water from Stainland supply were made and 57 from Upper Greetland Supply. All were found to be satisfactory.

The raw water from both these reservoirs has a p.H. value of 5.2 and after treatment the p.H value has averaged from Stainland 7.1 and for Upper Greetland 7.4 indicating satisfactory neutralisation. Plumbo-solvency tests that were made by the West Riding County Council were also reported as satisfactory.

Conclusion.

There has been no disease during the year attributable to the Water Supply.

I have the Honour to be, Gentlemen,

Your obedient Servant,

FREDERICK CLEGG, M.B. Ch.B.,

Medical Officer of Health,

Council Offices,

Elland.

